

Title (en)  
VIDEO DATA MANAGEMENT

Title (de)  
VIDEODATENVERWALTUNG

Title (fr)  
GESTION DE DONNÉES VIDÉO

Publication  
**EP 2039171 A4 20110928 (EN)**

Application  
**EP 07748299 A 20070629**

Priority  
• SE 2007000640 W 20070629  
• US 81898106 P 20060707  
• US 85242706 P 20061018

Abstract (en)  
[origin: WO2008004940A1] The invention relates to encoding and decoding pixel blocks (20) of a video frame (10) through a hybrid mode involving usage of a first prediction of a pixel block (20) and at least a second prediction of the pixel block (20). An initial first weighting factor is modified using a factor modifier to generate a first weighting factor comprising multiple different factor values that are assignable to the different pixel-based first prediction values of the first prediction. The first weighting factor is applied to the first prediction and a second weighting factor is applied to the second block prediction. The at least two weighted predictions are then combined to form a hybrid prediction of the current pixel block (20).

IPC 8 full level  
**H04N 7/50** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP US)  
**H04N 19/105** (2014.11 - EP US); **H04N 19/107** (2014.11 - EP US); **H04N 19/109** (2014.11 - EP US); **H04N 19/11** (2014.11 - EP US); **H04N 19/176** (2014.11 - EP US); **H04N 19/182** (2014.11 - EP US); **H04N 19/573** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US)

Citation (search report)  
• [XAYI] US 2005276323 A1 20051215 - MARTEMYANOV ALEXEY [RU], et al  
• [YA] WO 2005041112 A2 20050506 - SONY ELECTRONICS INC [US], et al  
• [AD] WO 2004064255 A2 20040729 - THOMSON LICENSING SA [FR], et al  
• [XAYI] "Text of ISO/IEC 14496-10 FCD Advanced Video Coding", ITU STUDY GROUP 16 - VIDEO CODING EXPERTS GROUP -ISO/IEC MPEG & ITU-T VCEG(ISO/IEC JTC1/SC29/WG11 AND ITU-T SG16 Q6),, no. N4920, 11 August 2002 (2002-08-11), XP030012343  
• See references of WO 2008004940A1

Cited by  
EP3915256A4; WO2020253816A1; US11539948B2; US11962773B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008004940 A1 20080110**; CA 2655970 A1 20080110; EP 2039171 A1 20090325; EP 2039171 A4 20110928; EP 2039171 B1 20161005; US 2009257492 A1 20091015; US 8457200 B2 20130604

DOCDB simple family (application)  
**SE 2007000640 W 20070629**; CA 2655970 A 20070629; EP 07748299 A 20070629; US 30786107 A 20070629